

How to Fold Foldables

Table of Contents

<u>Foldable</u>	<u>Page</u>
The 3 Tab	2
The Booklet	3
The Tri-Fold	4
The 4 Door	5
The Diamond 4 Door	6
Circle Inlay	7
Diamond / Octagon	8
Isosceles Triangle	9
The Panorama	10
The Six Door	11
The Volcano Shape	12

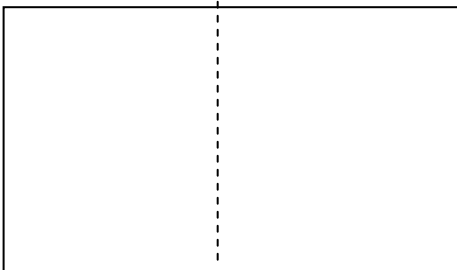
The 3 Tab



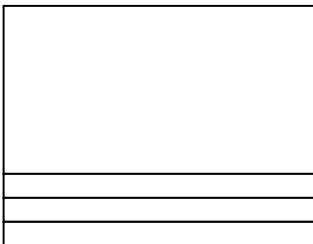
1. Fold a full sheet of paper in half and cut it so that you have 2 pieces that are $8\frac{1}{2}$ inches by $5\frac{1}{2}$ inches.



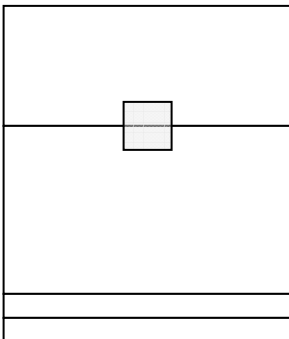
2. Make a fold in one of the pieces $3\frac{1}{2}$ inches away from one of the edges.



3. With the other piece, make a fold 4 inches away from one of the edges.

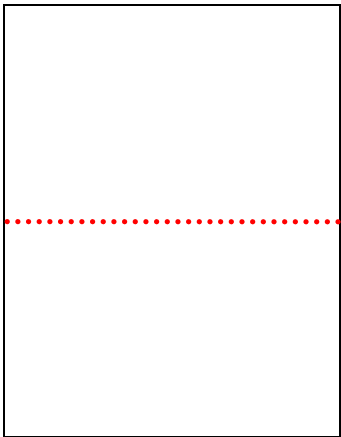


4. Insert the second piece inside the first so that it looks like this.

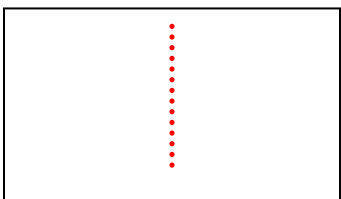


5. Open the first page and place a small piece of tape where the first page meets the second.

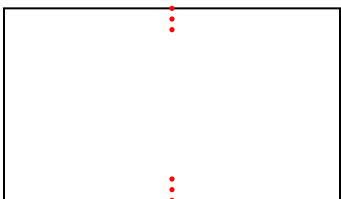
The Booklet



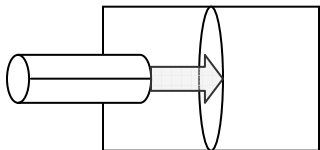
1. Fold a full sheet of paper in half and cut it so that you have 2 pieces that are $8\frac{1}{2}$ inches by $5\frac{1}{2}$ inches.



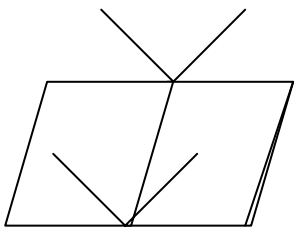
2. Fold one of the pieces in half and make a slit that goes about $\frac{3}{4}$ of an inch away from either edge of the paper.



3. Fold the other piece in half and cut notches on the fold that are slightly more than $\frac{3}{4}$ of an inch.

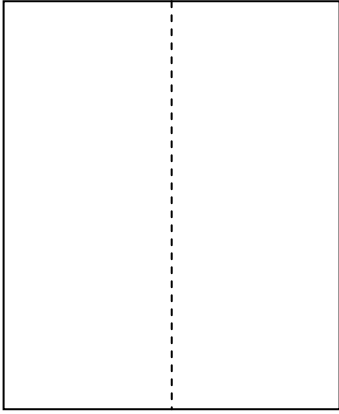


4. Roll (careful not to crease it) the notched piece and slide it halfway into the slit in the other piece.

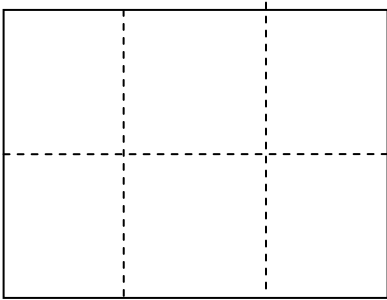


5. Straighten out the notched piece so that the notches fit into the slit in the other piece and fold it in half so that you have an eight page booklet.

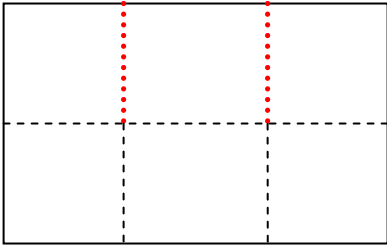
The Tri-Fold



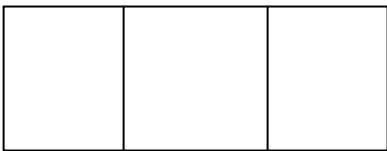
1. Fold an 8 ½ by 11 piece of paper in half the long way.



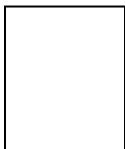
2. Hold the long way and fold it in thirds by making two folds 3 ¾ inches from the edges.



3. Cut down the two folds to the fold in the center of the paper.

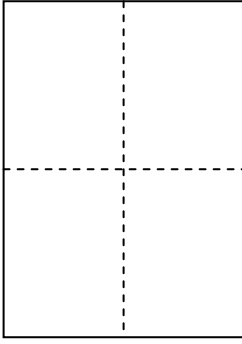


4. Fold the three flaps down.

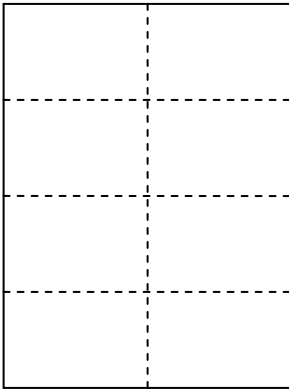


5. Fold the two side flaps on to the center panel.

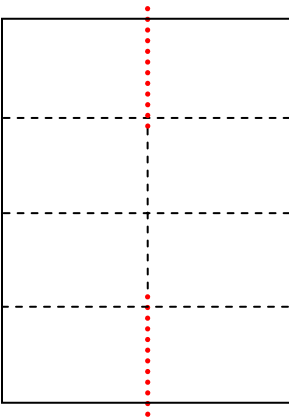
The 4 Door



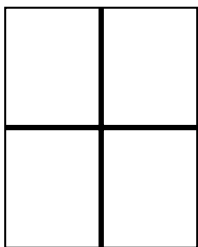
1. Fold a full sheet of paper into quarters.



2. Make 2 folds along the short way of the paper so that it is divided into 4 equal rows.

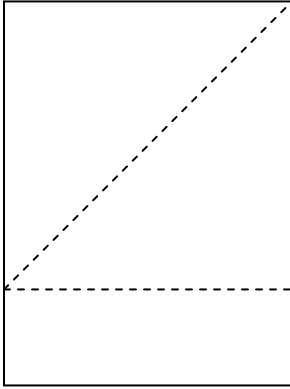


3. Cut slits into the folds at the top and bottom of the page.

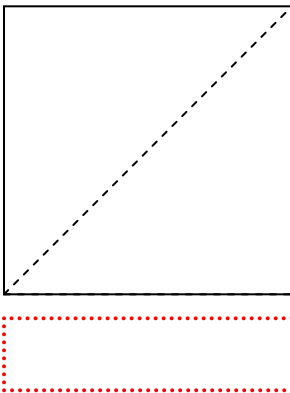


4. Fold over the flaps so that there are four “doors”. Fold that over one more time so that the “doors” hidden inside.

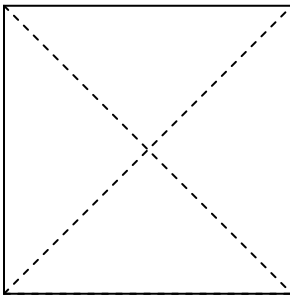
The Diamond 4 Door



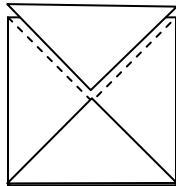
1. Fold the top edge of the paper so that it is even with the side edge of the paper. Fold the remaining flap of paper even with the edge that you have folded down.



2. Cut the small flap from the bottom of the paper to make a square. Discard the small flap.

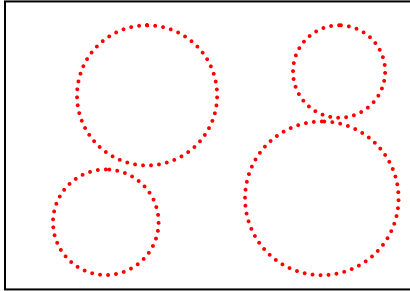


3. Fold the square so that the opposite corners touch. Unfold the paper to reveal an "X".

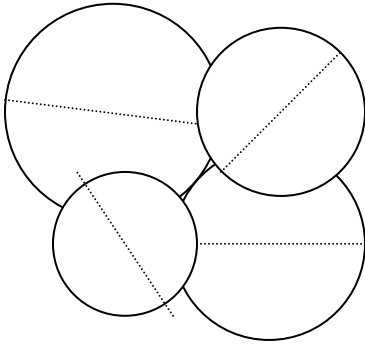


4. Fold all of the corners of the square into the center of the X.

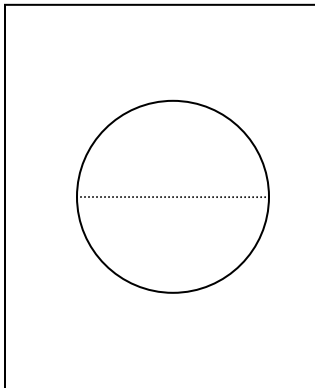
Circle Inlay



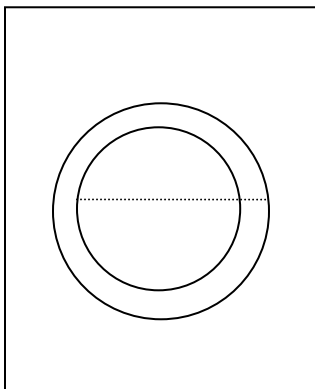
1. Cut the circles from the paper provided.



2. Fold all of the circles in half

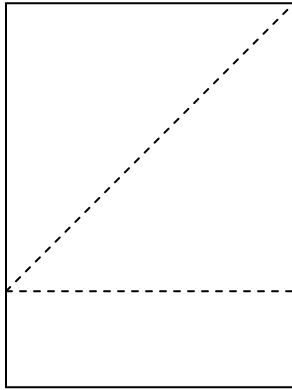


3. Paste the lower half of the largest circle to the center of a blank piece of paper.

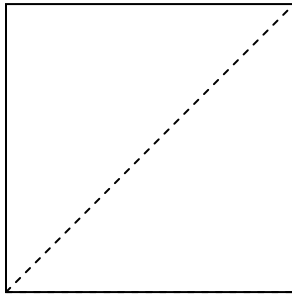


3. Paste the lower half of the next largest circle to the lower half of the largest circle. Continue to do so with the smaller circles

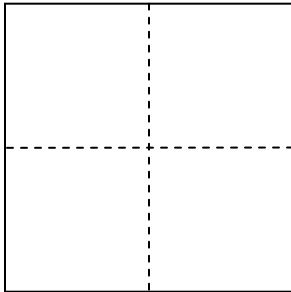
Diamond / Octagon



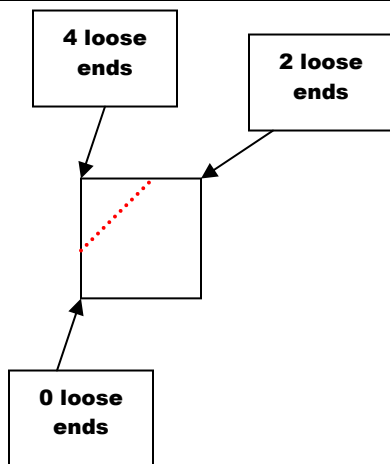
1. Fold the top edge of the paper so that it is even with the side edge of the paper. Fold the remaining flap of paper even with the edge that you have folded down.



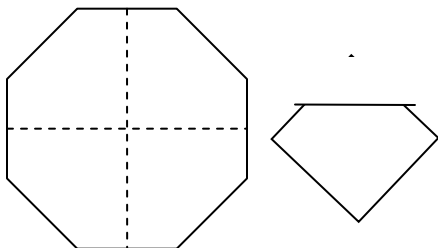
2. Cut the small flap from the bottom of the paper to make a square. Discard the small flap.



3. Fold the large square in half twice to create a small square.

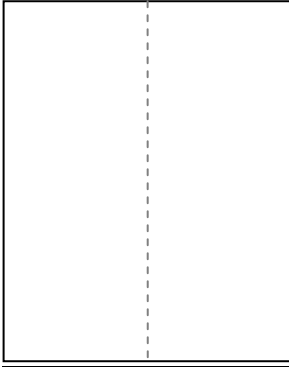


4. With the paper folded into the smaller square. Measure 4 cm from the corners indicated. Draw a line and cut across the line.

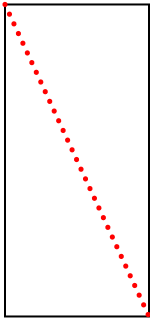


5. If the measurements and cuts were made from the proper corners you will unfold an octagon that looks like a diamond when folded up.

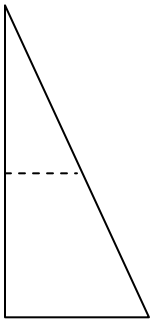
Isosceles Triangle



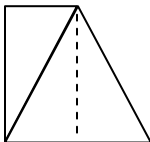
1. Fold an 8 ½ by 11 piece of paper in half the long way.



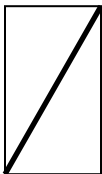
2. With the paper folded in half, use a ruler to draw a line to the opposite corners of the paper. Cut along this line.



3. Keeping the paper folded in half, fold the top corner down to the corner with the right angle.



4. Fold the other corner of the triangle over to the right angle.

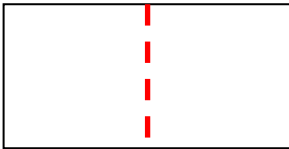


5. The end result should look like this

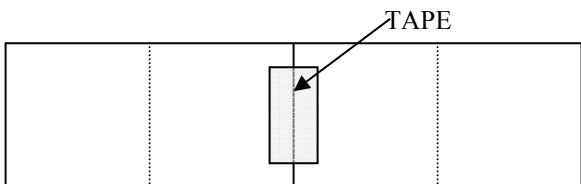
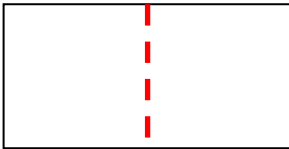
The Panorama



Fold a piece of 8 ½ by 11 inch paper in half the short way then cut on the fold.



Fold each of the pieces in half.



Join the two halves together end to end with a piece of tape.

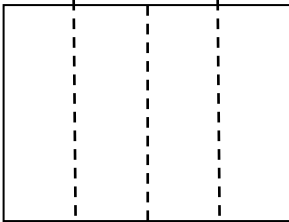


Fold the two end panels in toward the center, then fold that in half again.

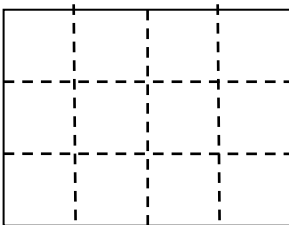
The Six Door



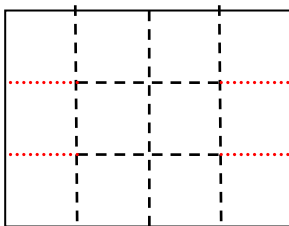
1. Fold an 8 ½ by 11 piece of paper in half the short way.



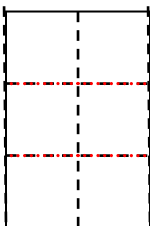
2. Now fold the paper into quarters like this.



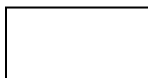
3. Fold in thirds the long way.



4. Cut along the two folds at either ends of the paper.

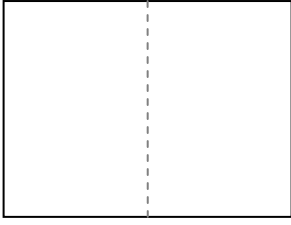


5. Fold all of the cut flaps in toward the center.

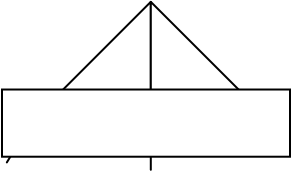


6. Fold the two side flaps in toward the center.

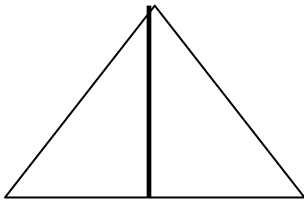
The Volcano Shape



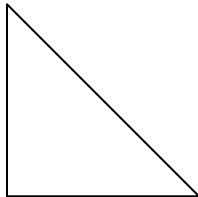
1. Fold an 8 ½ by 11 piece of paper in half the short way.



2. Fold the bottom flap up and cut the corners so that they are even with the edges of the triangle.



3. Fold lower flap inside the two side triangle flaps.



4. Fold the two side triangles into each other.



Foldable Graphic Organizers

Presenter

Shilpi Patel

Michiyo Vangellow

Kate Wolling

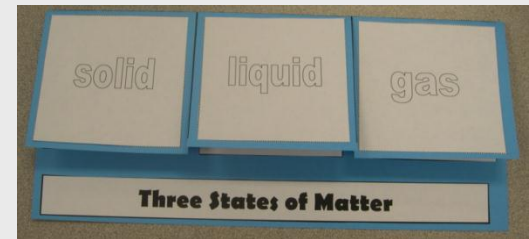
March 2, 2013



Techno-Tool: PowerPoint Foldable Organizers

What are Foldable Graphic Organizers?

- *Interactive graphic organizers*
- *Engage students in active learning*
- *Create student-ownership*
- *Ideal tools for diverse learners*
- *Endless in application*
- *Assist in linking new information to prior knowledge*



*Paper folds based on Dinah Zike's foldables.
Dinah's books can be ordered directly from:*

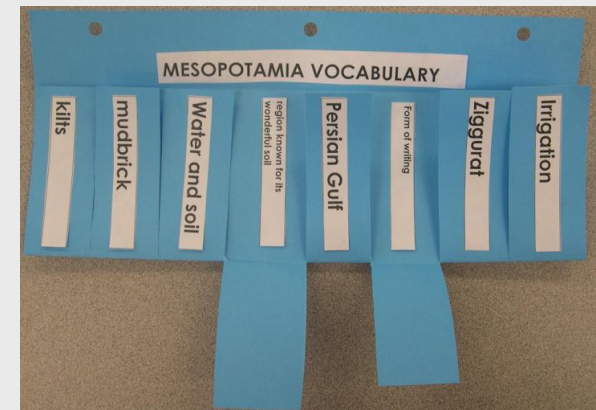
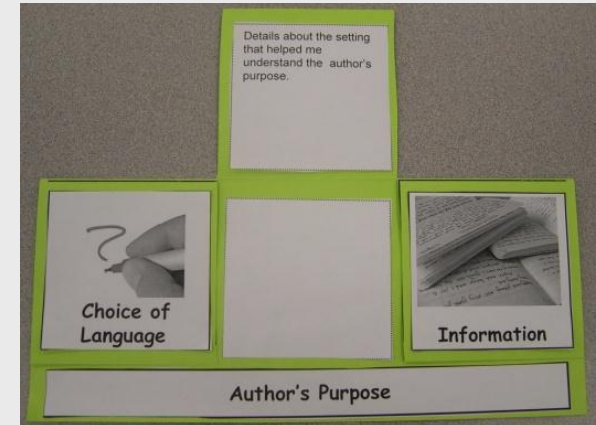
www.dinah.com



Techno-Tool: PowerPoint Foldable Organizers

Foldables can be used:

- *To introduce the learning task*
- *As advance organizers before the learning task*
- *As a post organizer*
- *As student-made study guides*
- *To differentiate instruction*
- *As an alternative form of assessment*





Techno-Tool: PowerPoint Foldable Organizers

What research says is important:

- *Active student participation occurs as students create the foldable*
- *Marzano research:*
 - *Non-linguistic representations have strong effects on student achievement*
 - *Explicitly engaging students in the creation of nonlinguistic representations stimulates and increases activity in the brain*
- *Marzano's Classroom Instruction That Works strategies are integrated.*



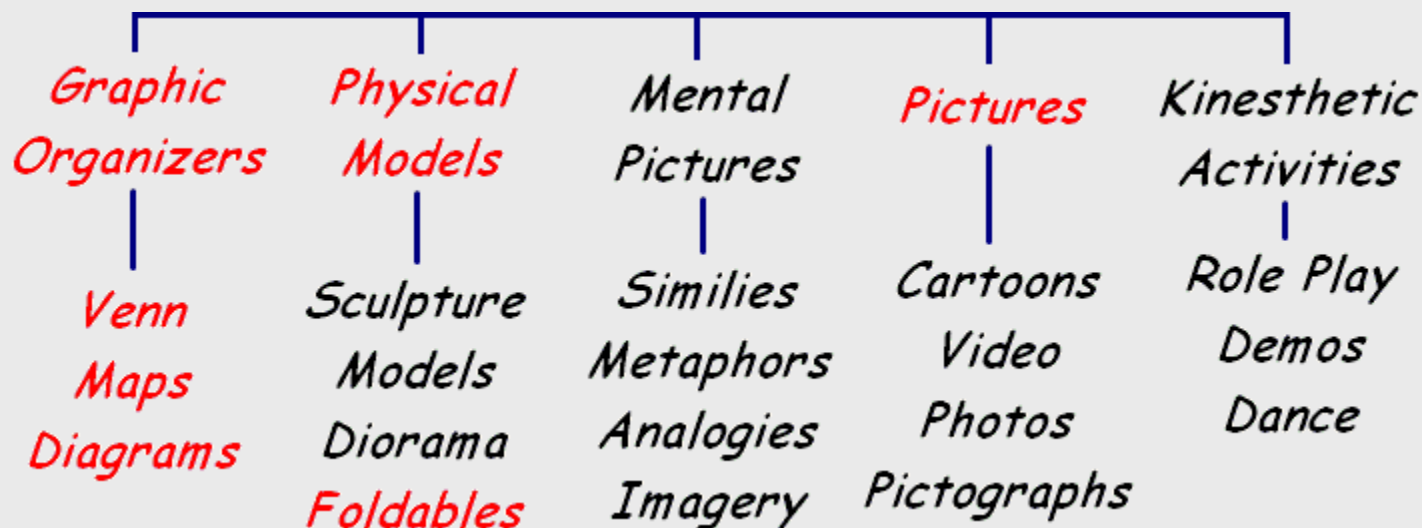
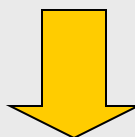


Techno-Tool: PowerPoint Foldable Organizers

Nonlinguistic Representations

..“the most underused instructional strategy of all..”

“a powerful aspect of learning”





Techno-Tool: PowerPoint Foldable Organizers

Marzano Strategies Correlation

- *Identifying Similarities & Differences*
- *Summarizing & Note Taking*
- *Advance Organizers*
- *Vocabulary (Build Background Knowledge)*
- *Sequencing*

Strategies	Ave. Effect Size (ES)	Percent ile Gain
1. Identify similarities and differences	1.61	45
2. Summarizing and note taking	1.00	34
3. Reinforcing effort and providing recognition	.80	29
4. Homework and practice	.77	28
5. Nonlinguistic Representations	.75	27
6. Cooperative Learning	.73	27
7. Setting objectives and providing feedback	.61	23
8. Generating and testing hypotheses	.61	23
9. Questions, cues, and advance organizers	.59	22

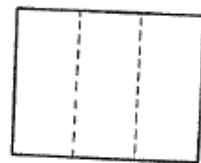
From *Classroom Instruction that Works* by Marzano, Pickering and Pollock, 2001

Trifold Book

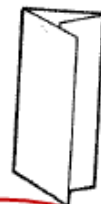
1. Fold a sheet of paper (8 1/2" x 11") into thirds.
2. Use this book as is, or cut into shapes. If the trifold is cut, leave plenty of fold on both sides of the designed shape, so the book will open and close in three sections.




Use this book to make charts with three columns or rows, large Venn diagrams, reports on data occurring in threes, or to show the outside and inside of something and to write about it.




1









2

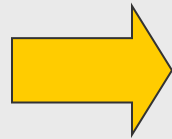
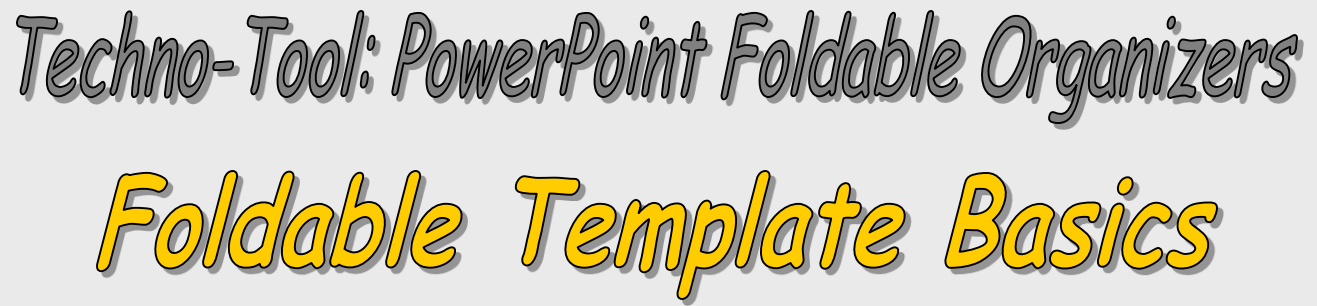


Object	Estimate	Measure
	about _____ centimeters	about _____ centimeters
	about _____ centimeters	about _____ centimeters
	about _____ centimeters	about _____ centimeters


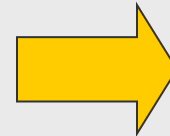
Parallel Lines	Intersecting Lines	Perpendicular Lines
 <i>AB CD</i> If line segments stay the same distance apart from each other, they are parallel.	 <i>AB intersects CD</i> If line segments meet or cross each other, they are intersecting.	 <i>AB ⊥ CD</i> If line segments meet or cross each other to form equal corners, they are perpendicular.

DESCRIBE A PYRAMID	
FACE	A FLAT SURFACE OF A 3-D FIGURE 4 TRIANGULAR FACES + 1 SQUARE BASE 
	A LINE SEGMENT WHERE 2 FACES OF A 3-D FIGURE MEET 4 BASE EDGES + 12 OTHER EDGES 
	THE COMMON POINT OF THE TWO BASES OF AN ANGLES, TWO SIDES OF A TRIANGLE, OR THREE OR MORE EDGES OF A 3-D FIGURE 4 BASE EDGES + 1 OTHER EDGES 

$\frac{1}{3}$	$\frac{1}{3}$	$\frac{1}{3}$
		



fold according to instructions



```
insert text & graphics
print
```



Techno-Tool: PowerPoint Foldable Organizers

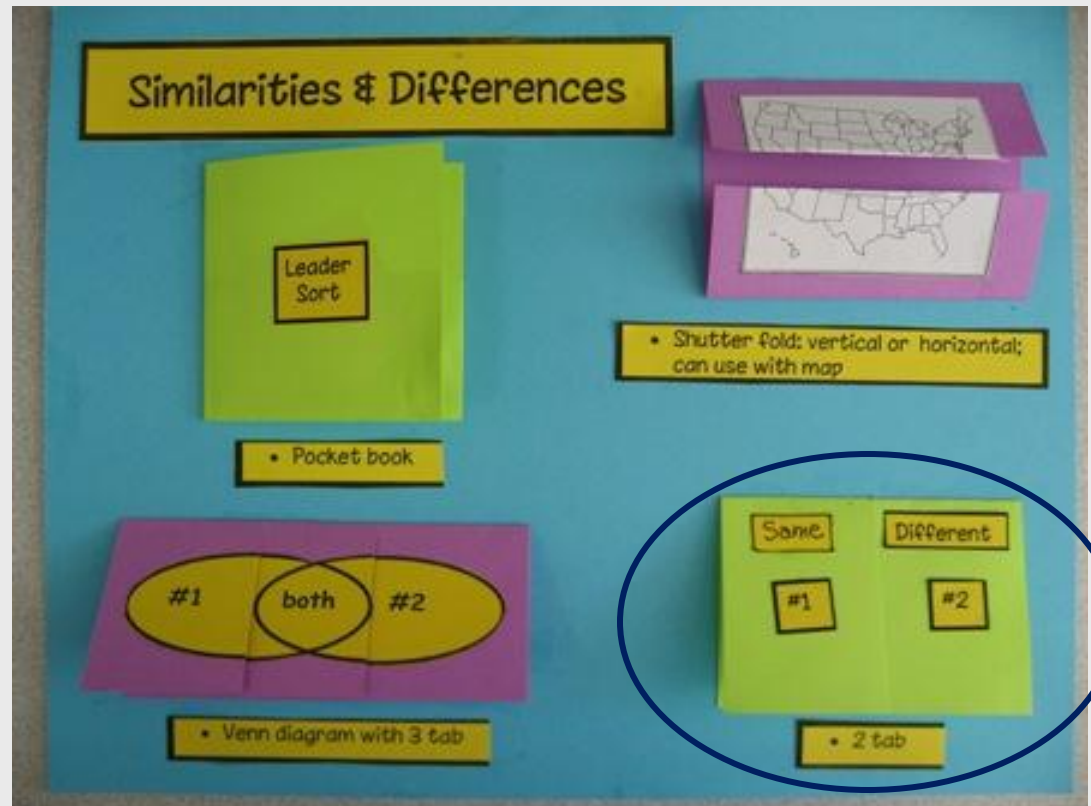
Similarities & Differences

- 2-Tab Books

- Pocket Book

- Shutter

- Ven Diagram



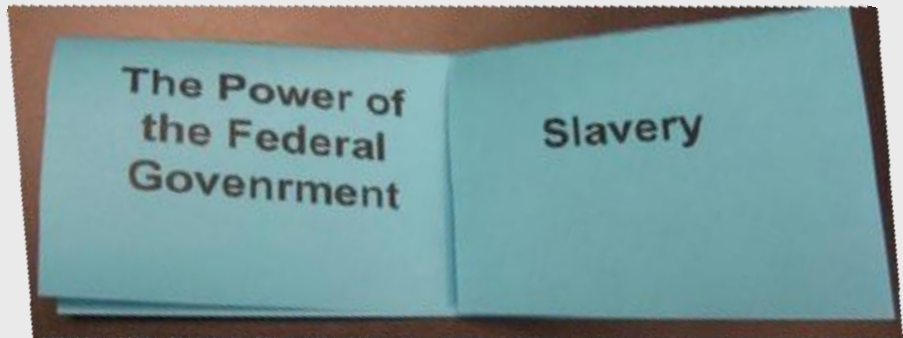
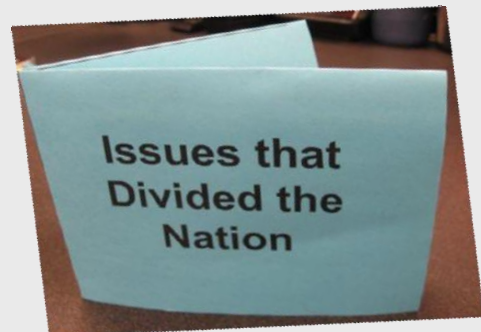
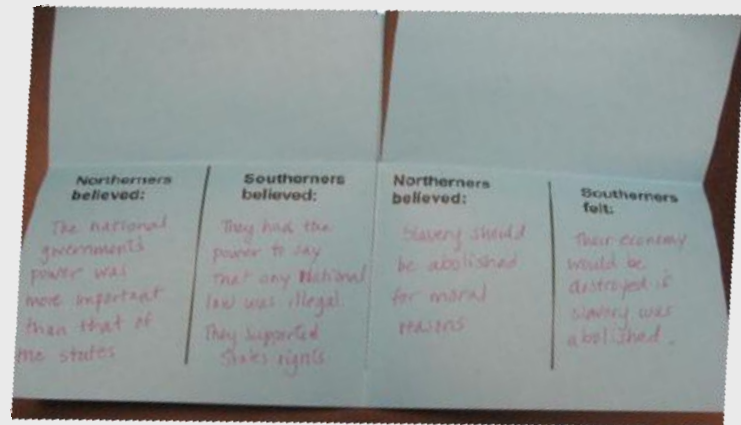


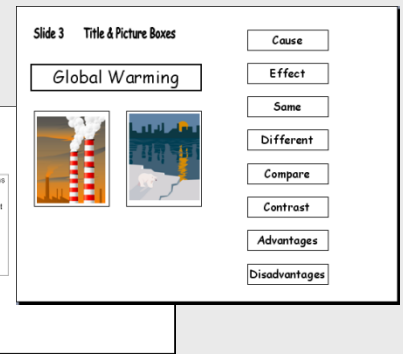
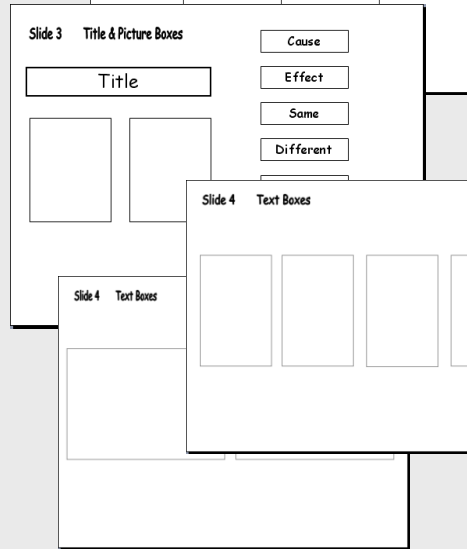
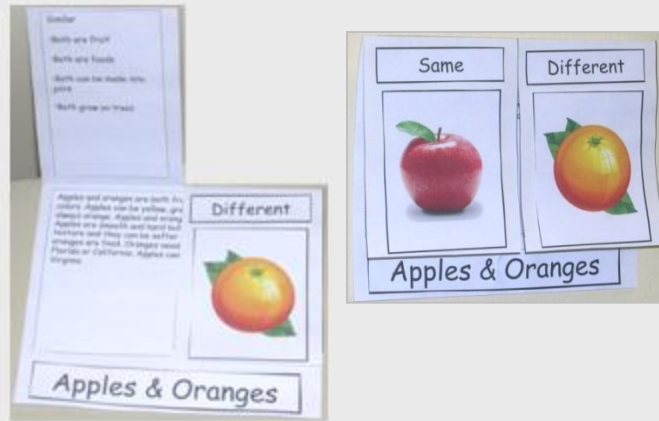
EZ Foldable Graphic Organizers

Folded 2-Tab — Simplified

Title			
Title		Title	

simplified template





Same - Different

Cause - Effect







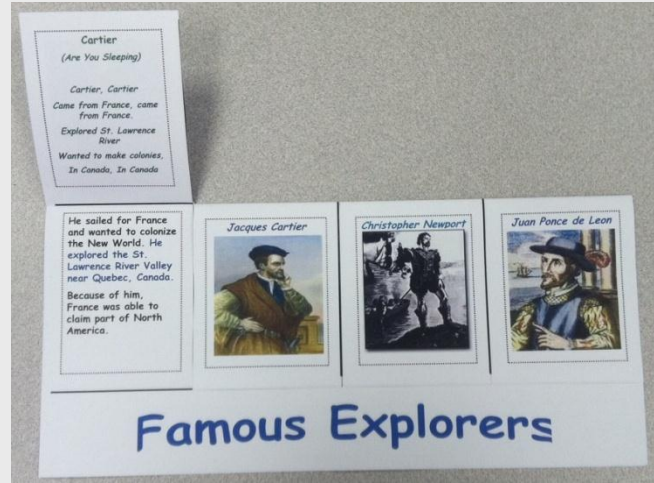
EZ Foldable Graphic Organizers

4 Tab — Simplified

Student name			
Text/Graphic	Text/Graphic	Text/Graphic	Text/Graphic
Text/Graphic	Text/Graphic	Text/Graphic	Text/Graphic
Text/Graphic	Text/Graphic	Text/Graphic	Text/Graphic
Word Art			

simplified template

Student name			
			
Cartier (Are You Sleeping?) Cartier, Cartier Came from France, came from France. Explored St. Lawrence River Wanted to make colonies, In Canada, In Canada	Columbus (Are You Sleeping?) Columbus, Columbus Came from Italy, came from Italy. Explored the Atlantic Ocean Wanted to make colonies, In the Americas, In the Americas	Vesputi (Are You Sleeping?) Vesputi, Vesputi Came from Italy, came from Italy. Explored the Atlantic Ocean Wanted to make colonies, In the Americas, In the Americas	Ponce de Leon (Are You Sleeping?) Ponce de Leon, Ponce de Leon Came from Spain, came from Spain. Explored the Atlantic Ocean Wanted to make colonies, In the Americas, In the Americas
Famous Explorers			

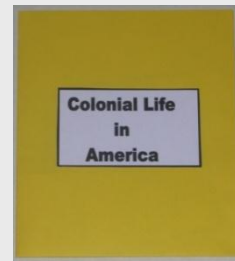
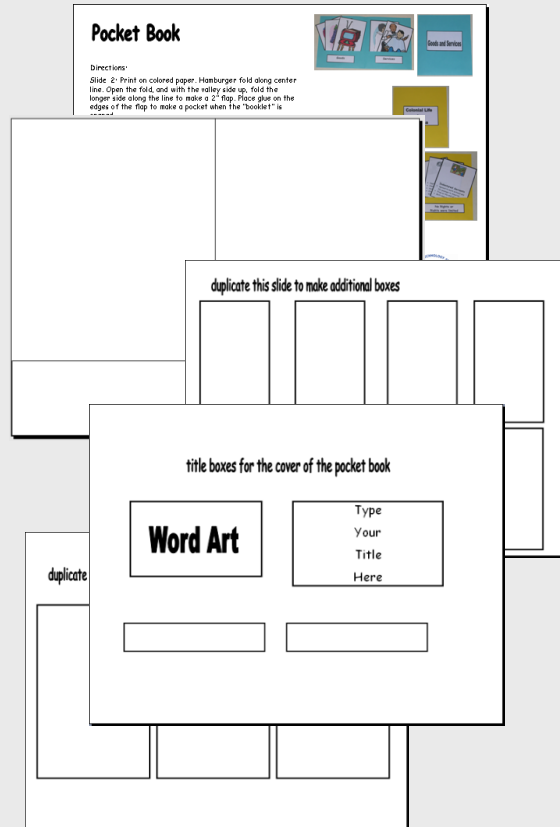


Famous Explorers



Techno-Tool: PowerPoint Foldable Organizers

Pocket Book (simplified)



template

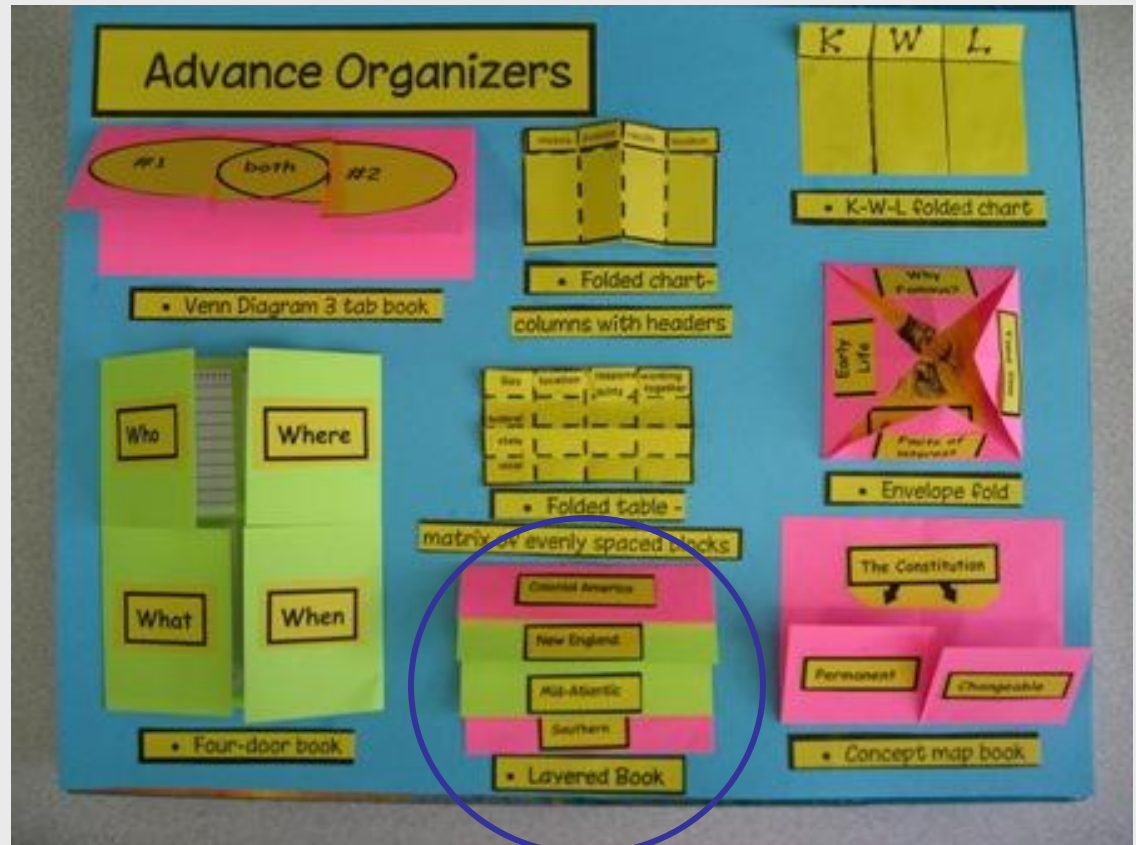
Flashcards from:
www.quizlet.com



Techno-Tool: PowerPoint Foldable Organizers

Advance Organizers

- Venn Diagram
- 3-Tab Books
- 4-Tab Books
- 5-Tab Books
- Four-door Book
- Envelope
- Layered Book





Techno-Tool: PowerPoint Foldable Organizers

Layered Book

Assembling a Step Book

Follow the pictures below to assemble the step book. Photos courtesy of Vicki Blackwell at www.vickiblackwell.com



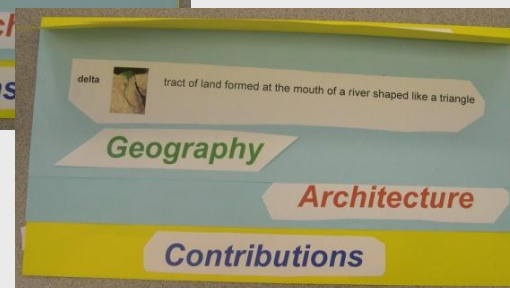
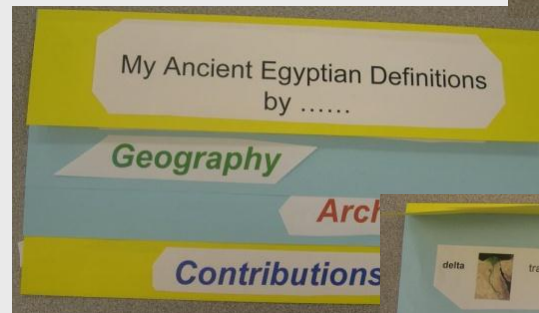
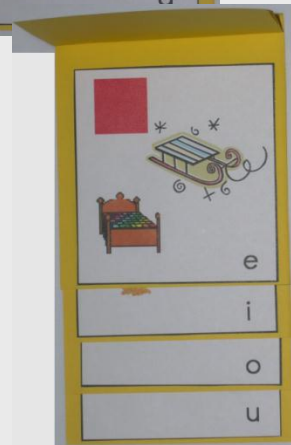
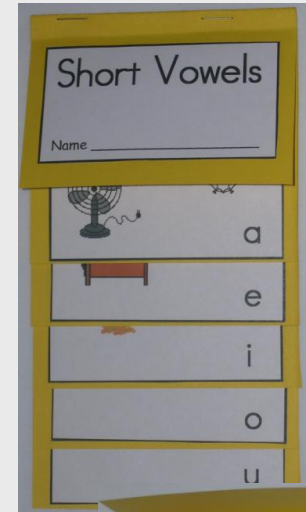
Step Book

- Print 4 copies of Slide 3 on colorful paper for an 8-tab book, 3 copies of Slide 3 for a 6-tab book or 2 copies of Slide 3 for a 4 tab book.
- Stack the sheets so each is 1" higher (use the printed line to line up the sheets.)
- Bring the bottom parts of the sheets forward and crease so that all the tabs are the same size. (See photos on slide 2.)
- Use a long-handled stapler to staple the sheets in the middle fold or staple at the top.
- Use the boxes on slide 4 to type titles and then glue onto the tabs.



Vicki Blackwell

www.vickiblackwell.com



Title
Title
Title
Title
Title
Title

template

Assembling a Layered Book

Follow the pictures below to assemble the step book. Photos courtesy of Vicki Blackwell at www.vickiblackwell.com.



Jot Thoughts

What are some other ways you could use foldables?





"Techno-Tools for Parents"

Parent Resource Center's Workshop Warehouse web page :

<http://www.fcps.edu/cco/prc/resources/events/warehouse.shtml>

